Index of Claims

| App | licatio | on/Co | ntrol | No. |
|-----|---------|-------|-------|-----|
|-----|---------|-------|-------|-----|

10/608,813

10/608,81 Examiner

Gary L. Laxton

Applicant(s)/Patent under Reexamination

THRAP, GUY C.

Art Unit

2838

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

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| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| Cla      | nim      | Date     |          |  |  | $\neg$   | Claim Date     |          |                 |                 |          |          |              |  |                | $\neg$          | CI       | aim             | Date     |          |          |             |            |              |  |          |  |          |          |                 |          |                 |
|----------|----------|----------|----------|--|--|----------|----------------|----------|-----------------|-----------------|----------|----------|--------------|--|----------------|-----------------|----------|-----------------|----------|----------|----------|-------------|------------|--------------|--|----------|--|----------|----------|-----------------|----------|-----------------|
| Cia      |          |          |          |  |  |          |                | $\dashv$ |                 |                 |          |          |              |  |                | $\dashv$        |          |                 | Date     |          |          |             |            |              |  |          |  |          |          |                 |          |                 |
| Final    | Original | 9-22-65  |          |  |  |          |                |          |                 |                 | Final    | Original |              |  |                |                 |          |                 |          |          |          | Final       | Original   |              |  |          |  |          |          |                 |          |                 |
|          | 1        | 4        |          |  |  | _        | -              | H        | $\dashv$        | $\dashv$        |          | 51       | ш            | -  | $\dashv$       | $\dashv$        | $\dashv$ | $\dashv$        | -        | +        | $\dashv$ | -           | 101        |              | $\dashv$   |          | _  |          | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        |
|          | 2        | 1        |          | -  |  | $\vdash$ | -              |          | $\dashv$        | $\dashv$        |          | 52       | =            | $\dashv$   | -              | -+              | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | <del></del> | 102        |              |  |          |  |          | ᅥ        | -               | ᅱ        | $\dashv$        |
|          | 3        | V        | -        | -  | -  | -        | -              | $\vdash$ | $\dashv$        | -               | -        | 53       | $\vdash$     |  | -              | $\dashv$        | $\dashv$ | +               | -        |          | $\dashv$ | -           | 103        | -            |  | -        |  | -        | $\dashv$ | ᅥ               | ᅱ        | $\dashv$        |
|          |          |          | H        | -  | -  | ├        | -              |          |                 |                 | -        | 54       |              |  | $\dashv$       | $\dashv$        | -        | $\dashv$        | -+       |          | $\dashv$ | -           | 104        |              |  | $\dashv$ | $\dashv$   | -        | -        | $\dashv$        | $\dashv$ | $\dashv$        |
| <u> </u> | 4        | 1        |          |  | _  | -        |                | $\vdash$ | $\vdash$        | $\dashv$        | -        | 55       | $\vdash$     |  |                | -               | $\dashv$ | $\dashv$        | -        |          | $\dashv$ | $\vdash$    | 105        | -            | -  | $\dashv$ |  |          | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        |
| <u></u>  | 5        | 7        |          |  | _  | ⊢        |                | H        |                 | $\dashv$        | -        | 56       | $\vdash$     | $\dashv$   | -              | $\dashv$        | $\dashv$ | $\dashv$        | -        |          | $\dashv$ | $\vdash$    | 106        |              | -  | -        | $\dashv$   |          | -        | ᆉ               | $\dashv$ | $\dashv$        |
| -        | 7        | 7        |          | $\vdash$   |  | ┢        | ├              | -        | $\vdash$        | $\dashv$        |          | 57       |              | -1   |                |                 | $\dashv$ | $\dashv$        | -+       | -+       | ┥        | $\vdash$    | 107        | -            | -  | $\vdash$ | $\dashv$   |          | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$        |
| _        | 8        | V        | $\vdash$ | Н  |  | ┢╾       | ⊢              | H        | $\vdash$        |                 | -        | 58       | -            | $\dashv$   | $\dashv$       | $\dashv$        | -1       | +               | $\dashv$ | $\dashv$ | $\dashv$ | -           | 108        | -            | -  | -        | $\dashv$   | $\neg$   | $\dashv$ | -               | $\dashv$ | $\dashv$        |
|          | 9        | V        |          |  | -  | -        | -              | $\vdash$ | $\vdash$        | $\dashv$        | -        | 59       | $\vdash$     | $\dashv$   |                |                 | 7        | $\dashv$        |          | $\dashv$ | -        |             | 109        |              | $\dashv$   |          |  | $\neg$   | _        | $\dashv$        | $\neg$   | $\exists$       |
|          | 10       | Ì        |          |  |  | -        | $\vdash$       | H        | -               | $\dashv$        |          | 60       | $\vdash$     | $\dashv$   |                |                 | 十        | $\dashv$        | 寸        | 十        | _        |             | 110        |              | _  |          | 一  | $\neg$   | _        | $\neg$          | $\neg$   | $\neg$          |
|          | 11       | 1        |          |  | $\vdash$                                     | ├-       | -              |          | $\forall$       |                 | <b>—</b> | 61       |              | $\dashv$   | $\neg$         | _               | 7        | _               | _        | 十        | _        |             | 111        |              |  |          | $\neg$   |          | $\neg$   |                 |          |                 |
| <u> </u> | 12       | Ė        | $\vdash$ | $\vdash$   |  | $\vdash$ |                |          | $\vdash$        | $\dashv$        |          | 62       |              | Н  | $\neg \dagger$ | $\neg$          | 一        | $\dashv$        | $\dashv$ | 一        | -        |             | 112        |              |  |          | $\neg$   | $\neg$   |          | $\neg$          | $\neg$   | $\neg$          |
| <u> </u> | 13       | H        |          |  | $\vdash$                                     | T        |                | Н        |                 |                 |          | 63       | П            | П  |                | 一               | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ |          |             | 113        |              |  |          | $\neg$   |          |          | 寸               | $\neg$   | $\sqcap$        |
|          | 14       | t        |          |  | _  | 1        | t              | П        | $\sqcap$        | $\neg$          |          | 64       |              | П  |                |                 | $\neg$   | $\neg$          |          | 1        | ╗        |             | 114        |              |  |          |  |          |          |                 |          |                 |
|          | 15       | T        |          |  | _  | 1        |                |          | $\Box$          | $\neg$          |          | 65       |              | П  |                |                 | $\neg$   | $\neg \uparrow$ | $\neg$   | $\dashv$ |          |             | 115        |              |  |          |  |          |          |                 |          |                 |
|          | 16       | Г        | П        |  |  | T        |                |          |                 | $\neg$          |          | 66       |              |  |                |                 |          |                 | _1       |          |          |             | 116        |              |  |          |  |          |          | $\Box$          |          |                 |
|          | 17       | Г        | _        |  |  | Γ        |                | Г        |                 | $\neg$          |          | 67       |              |  |                |                 |          |                 |          |          |          |             | 117        |              |  |          |  |          |          |                 |          |                 |
|          | 18       |          |          |  |  |          | Г              |          |                 |                 |          | 68       |              |  |                |                 | T        | T               |          |          |          |             | 118        |              |  |          |  |          |          |                 |          |                 |
|          | 19       | 1        |          |  |  |          | İ              |          |                 | $\neg$          |          | 69       |              |  |                |                 | ĺ        |                 |          |          |          |             | 119        |              |  |          |  |          |          |                 |          |                 |
|          | 20       |          | Г        |  |  | T        | İ              |          |                 |                 |          | 70       |              |  |                |                 |          | $\neg$          |          |          |          |             | 120        |              |  |          |  |          |          |                 |          |                 |
|          | 21       | T        | Г        |  |  |          | Г              | İ        |                 |                 |          | 71       |              |  |                |                 |          | $\neg$          |          |          |          |             | 121        |              |  |          |  |          |          |                 |          |                 |
|          | 22       |          | Г        |  |  |          | Г              |          | П               | $\neg$          |          | 72       |              |  |                |                 |          | $\Box$          |          |          |          |             | 122        |              |  |          |  |          |          |                 |          |                 |
|          | 23       |          |          | Г  |  |          | П              |          |                 |                 |          | 73       |              |  |                |                 |          |                 |          |          |          |             | 123        |              |  |          |  |          |          |                 | Ш        | Ш               |
|          | 24       | Г        |          |  |  |          | П              |          |                 |                 |          | 74       |              |  |                |                 |          |                 |          |          |          |             | 124        |              |  |          |  |          |          |                 |          | Ш               |
|          | 25       |          | Г        |  |  |          |                |          |                 |                 |          | 75       |              |  |                |                 |          |                 |          |          |          |             | 125        |              |  |          |  |          |          |                 | ш        | Ш               |
|          | 26       |          |          |  |  |          |                |          |                 |                 |          | 76       |              |  |                |                 | _        | $\Box$          |          |          |          |             | 126        |              |  |          |  |          |          |                 | Щ        | Ш               |
|          | 27       |          |          |  |  |          |                |          |                 |                 |          | 77       |              |  |                |                 |          |                 |          |          | _        | <u> </u>    | 127        |              |  |          |  |          |          |                 |          |                 |
|          | 28       | L        |          |  |  |          |                |          |                 |                 | <u> </u> | 78       |              |  |                | _               | _        | _               | _        |          | _        | <u> </u>    | 128        | <u> </u>     | _  |          |  |          |          |                 | Щ        |                 |
|          | 29       |          |          | $ldsymbol{ld}}}}}}$ |  |          |                |          |                 |                 | <u> </u> | 79       |              |  |                |                 | _        | _               | _        | $\perp$  | 4        |             | 129        | _            |  |          |  |          |          |                 |          | $\vdash$        |
|          | 30       |          |          |  |  |          |                | <u> </u> |                 | _               |          | 80       |              |  |                |                 | _        |                 | _        | $\dashv$ | _        |             | 130        | <u> </u>     | _  | oxdot    |  |          | _        |                 | $\vdash$ | Ш               |
|          | 31       | <u></u>  | 乚        |  | L  |          | ┞.             | _        | Ш               | _               |          | 81       | _            |  |                |                 | _        | _               | _        | _        | _        |             | 131        | _            | _  |          |  | _        |          |                 | <b>—</b> | Н               |
|          | 32       |          |          |  | _  | _        | <u> </u>       | L        | Ш               | _               |          | 82       | _            |  |                |                 | _        | -               |          | 4        | _        |             | 132        | _            | <u> </u>   | <u> </u> | _  |          |          | $\dashv$        | Щ        | Н               |
| <u> </u> | 33       | ļ        | <u> </u> | <u> </u>   |  | <u> </u> |                | ┡        |                 | _               |          | 83       | <u> </u>     | _  | $\sqcup$       | -               |          | 4               |          | -+       | $\dashv$ | -           | 133        | ⊢            | <del> </del>                                     | $\vdash$ | <u> </u>   | -        | $\vdash$ |                 |          | Н               |
|          | 34       | _        | _        | <u> </u>   | _  | ╄        | ₩              |          | $\vdash \vdash$ | _               |          | 84       | $\vdash$     |  | $\vdash$       | $\vdash$        |          | -               |          | +        | $\dashv$ |             | 134        | $\vdash$     | -  | -        | $\vdash$   | $\vdash$ | Н        | $\vdash$        |          | Н               |
|          | 35       | ـــــ    | ₩        | <u> </u>   | <u>.                                    </u> | ₩        | ├-             | -        | $\vdash \vdash$ | $\dashv$        |          | 85       | <del> </del> | _  |                | $\vdash$        |          | -               |          | -        | $\dashv$ | <u> </u>    | 135<br>136 | _            | -  | -        |  | $\vdash$ | $\vdash$ |                 |          | Н               |
|          | 36       | _        | ⊢        | <u> </u>   | _  |          | -              | -        | $\vdash$        | $\dashv$        | -        | 86       | ├            | -  | Н              | $\vdash \vdash$ |          |                 | -        | -        | $\dashv$ | -           | 135        | _            | <u> </u>   | <b> </b> | $\vdash$   | $\vdash$ | $\vdash$ |                 |          | Н               |
|          | 37       | 1        | -        | <u> </u>   | -  | +        | ╀              |          | $\vdash$        | $\dashv$        |          | 87       | $\vdash$     |  | $\vdash$       | $\vdash\vdash$  |          |                 |          | -+       | $\dashv$ | -           | 137        | $\vdash$     | $\vdash$   | $\vdash$ | -  |          | H        | $\vdash \vdash$ | $\vdash$ | $\vdash\vdash$  |
|          | 38       | ┡        | -        | -  | H  | +        | <del> </del> - | $\vdash$ | Н               | $\dashv$        |          | 88<br>89 | -            | -  | $\vdash$       | $\vdash$        |          |                 | $\dashv$ | +        | $\dashv$ |             | 139        | $\vdash$     | $\vdash$   | -        | $\vdash$   | H        | $\vdash$ | $\vdash$        | $\vdash$ | H               |
| <u> </u> | 39<br>40 | +-       | ⊬        | ⊢  |  | -        |                | $\vdash$ | H               | - $+$           | $\vdash$ | 90       | -            |  | H              |                 | $\dashv$ | -               | $\dashv$ | $\dashv$ | $\dashv$ | -           | 140        | -            | -  | -        | H  | $\vdash$ | $\vdash$ | Н               | $\vdash$ | Н               |
|          |          | ╁        | -        | -  | -  | +-       | ├-             | $\vdash$ | $\vdash$        | -               | -        | 91       | -            |  | H              | $\vdash$        |          |                 | -        | $\dashv$ | $\dashv$ |             | 141        | $\vdash$     | $\vdash$   | $\vdash$ |  | $\vdash$ | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$        |
| <u> </u> | 41       | +-       | 1-       |  | -  | +        | $\vdash$       | 1        | Н               |                 |          | 91       | $\vdash$     | $\vdash$   | H              |                 | -        | $\dashv$        | -        | $\dashv$ | $\dashv$ | -           | 142        |              | ├  | -        |  | $\vdash$ | $\vdash$ | $\vdash$        | Н        | Н               |
| -        | 42       | +-       | $\vdash$ | -  | $\vdash$                                     | ┼        | +-             | $\vdash$ | $\vdash$        | $\dashv$        | -        | 93       | <del> </del> | $\vdash$   | $\vdash$       | H               |          | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -           | 143        | $\vdash$     |  | $\vdash$ | -  | $\vdash$ | Н        | Н               | П        | Н               |
| -        | 44       | +        | +-       | -  |  | $\vdash$ | $\vdash$       | ┰        | Н               | +               | -        | 94       | +-           | $\vdash$   | -              | $\vdash$        | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$    | 144        | <del> </del> | <del>                                     </del> | -        |  | $\vdash$ | $\vdash$ | Н               | $\vdash$ | ┝╾┤             |
|          | 45       | $\vdash$ | +-       | $\vdash$   | $\vdash$                                     | +        | 1-             | +        | Н               | $\dashv$        |          | 95       | $\vdash$     | -  | <del> -</del>  | Н               | $\dashv$ | -               | -        | -+       | $\dashv$ | $\vdash$    | 145        | $\vdash$     | H  | Н        | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$        | М        | $\vdash$        |
| -        | 46       | $\vdash$ | $\vdash$ | +-   | $\vdash$                                     | $\vdash$ | +-             | -        | $\vdash$        | $\vdash$        |          | 96       | ╁            | $\vdash$   | -              | Н               | $\vdash$ | $\dashv$        | _        | +        | $\dashv$ | $\vdash$    | 146        | $\vdash$     | $\vdash$   | Н        | $\vdash$   | $\vdash$ | $\vdash$ | Н               |          | $\vdash$        |
| -        | 47       | ╁        | ╁        | $\vdash$   | $\vdash$                                     | ╁        | +              | $\vdash$ | $\vdash$        | $\dashv$        | -        | 97       | 1-           | <del> </del>                                     | $\vdash$       | Н               |          | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -           | 147        |              | t  | H        | $\vdash$   |          | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash \vdash$ |
| $\vdash$ | 48       | +        | +        |  | -  | +        | $\vdash$       | +        | ┝               | $\forall$       |          | 98       | $\vdash$     | $\vdash$   | H              | $\vdash$        |          | ᅱ               | $\dashv$ | 十        | $\dashv$ |             | 148        | Н            | $t^-$  |          | <del>                                     </del> |          | H        | Н               | Т        | Н               |
|          | 49       | +        | 1        | -  | +  | +        | $\vdash$       | +-       | $\vdash$        | $\vdash$        | -        | 99       |              |  | Н              | Н               |          | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ |             | 149        | Г            | T  |          | $\vdash$   | Т        | T        | П               | $\vdash$ | П               |
| -        | 50       | 十        | +-       | H  | H  | ╁        | +-             | $\vdash$ | Н               | $\vdash \vdash$ |          | 100      | $\vdash$     | <del>                                     </del> | t-             | П               | $\Box$   | 一               | $\neg$   | 7        | $\dashv$ |             | 150        | Т            | $\vdash$   |          | Т  | Г        | $\vdash$ | П               | $\vdash$ | П               |
|          | 1 30     |          | 1        | ١  |  | Ь.       | ٠.             | ــــــ   |                 |                 |          | 1.00     | ٠.           |  |                | L               |          |                 |          |          |          |             | ,          | ч—           | Ь—   |          |  |          |          |                 | -        | لب              |